



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Atsuo Omaru et al.  
Appl. No.: 10/715,571  
Conf. No. 4752  
Filed: November 18, 2003  
Title: NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY  
Art Unit: 1745  
Examiner: Unknown  
Docket No.: 113184-094

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which can be found in the parent, application no. 09/043,634, filed on July 24, 1998, be made during the course of examination of the above-identified application for United States patent.

#### U.S. PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
5,238,760	August 24, 1993	Takahashi et al.
5,340,670	August 23, 1994	Takami et al.
5,686,138	November 11, 1997	Fujimoto et al.
5,686,203	November 11, 1997	Idota et al.
5,691,084	November 25, 1997	Kita et al.
5,718,989	February 17, 1998	Aoki et al.

#### FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
JP 58-189963	November 5, 1983	Japan
JP 01-294356	November 28, 1989	Japan
EP 0 567 149	October 27, 1993	Europe
JP 5-325974	December 10, 1993	Japan

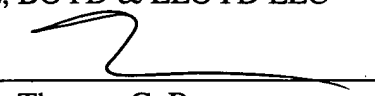
<u>Document No.</u>	<u>Date</u>	<u>Country</u>
EP 0 594 965	May 4, 1994	Europe
EP 0 651 450	May 3, 1995	Europe
EP 0 671 774	September 13, 1995	Europe
EP 0 704 921	April 3, 1996	Europe
JP 8-195201	July 30, 1996	Japan

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

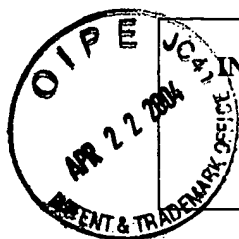
BELL, BOYD & LLOYD LLC

BY



Thomas C. Basso  
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Dated: April 19, 2004



**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No. 113184-094	Application No. 10/715,571
Applicant Atsuo Omaru et al.	
Filing Date Nov. 18, 2003	Group 1745

**U.S. PATENT DOCUMENTS**

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
	5,238,760	08-24-93	Takahashi et al.			
	5,340,670	08-23-94	Takami et al.			
	5,686,138	11-11-97	Fujimoto et al.			
	5,686,203	11-11-97	Idota et al.			
	5,691,084	11-25-97	Kita et al.			
	5,718,989	02-17-98	Aoki et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	JP 58-189963	11-05-83	Japan				
	JP 01-294356	11-28-89	Japan				
	EP 0 567 149	10-27-93	Europe				
	JP 5-325974	12-10-93	Japan				
	EP 0 594 965	05-04-94	Europe				
	EP 0 651 450	05-03-95	Europe				
	EP 0 671 774	09-13-95	Europe				
	EP 0 704 921	04-03-96	Europe				
	JP 8-195201	07-30-96	Japan				

Examiner's Initials	<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>

<b>Examiner:</b>	<b>Date Considered:</b>
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT****(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.

113184-094

In Re Application Of: Atsuo Ohgaki et al.

Serial No.

10/715,571

Filing Date

November 18, 2003

Examiner

Unknown

Group Art Unit

1745

Title: NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY

Address to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
113184-094

In Re Application: Atsuo Omaru et al.

APR 22 2004

Serial No.

10/715,571

Filing Date

November 18, 2003

Examiner

Unknown

Group Art Unit

1745

NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

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Signature

Dated: April 19, 2004

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CC:

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
113184-094

In Re Application Of: Atsuo Omasu et al.

APR 22 2004

Serial No.

10/715,571

Filing Date

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Examiner

Unknown

Group Art Unit

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**37 CFR 1.97(c)**

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113184-094

In Re Application: Atsuo Omara et al.

Serial No.

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